

Date: Fri, 19 Aug 94 04:30:27 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #290
To: Ham-Equip

Ham-Equip Digest Fri, 19 Aug 94 Volume 94 : Issue 290

Today's Topics:

 220 Kits For Sale
 <none>
 [Q] Yaesu FT-530
 ADVICE on NEW HF rig wanted
 Ameritron AL-811 amp, MFJ-815B meter 4-SALE
 Capacity of Alkaline batteries?
 IC765 Keyer Mod?
 Need 9600 baud mod info for IC271/471
 TENTEC SCOUT Power Supply Problem
 TNC Recommendation
 Yaesu 2500 mods?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 18 Aug 94 18:19:37 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: 220 Kits For Sale
To: ham-equip@ucsd.edu

Lewis - do you still have the Mirage? I am interested.

Bob KA3YJG

Date: Fri, 19 Aug 1994 02:17:20 +0400

From: demos1!dnews-server@uunet.uu.net
Subject: <none>
To: ham-equip@ucsd.edu

I hope that you would be so kind to help us with solving of our problem.

We want to make an order:

QTY	Descr. Kenwood
30	UBZ-LA7
30	UPB-1
30	EMC-1
8	UBC-2
50	iâ-348
50	KVS-1
10	KNB-7
100	KNB-5
5	KSC-86
1	KSC-76
10	KSC-8
50	BSH-1
10	KLF-3
15	TK-808
4	KPS-10A
4	KMB-2B
4	10D-2V/50
4	KBA-151
11	KMA-151
10	KMA-1H
1	KMA-1M
10	KCT-8
40	iâ-708â
40	KMA-151
40	KMA-1M
40	DTU-2
20	iâ-248 °5
190	iâ-248 °
180	KNB-6
240	KNB-7
206	KSC-8
4	KSC-12
20	KRA-6C
21	KMC-8A

need the shipment to be delivered to Moscow.

Would you please inform me about payment conditions and terms of

Thank you

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-=> On 16 Aug 1994 06:52:41 GMT, Paul Antaki <pantaki@prodigy.bc.ca> said:

My first radio too! I love it..

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> 2. I'm concerned about how quickly the battery runs down.
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I wouldn't worry too much about. Too many HT users get all obsessed

with battery life and optimal usage habits. The truth is that if you use the radio normally, and recharge the battery with a smart charger when it gets low, there isn't much more you can do to extend either its capacity or useful life. Whether you wait until the display blinks or just charge it when you feel like it really won't make much difference at all.

The only common damaging things I've seen are: gross overcharging/overheating (usually by "Quick Chargers" with no smarts), or dissipating entire series-connected packs to 0 volts using resistors or bulbs. The radio will keep you from going below ~5v, which is plenty fine for a 7.2v pack. A 12v pack should be charged sooner, especially if you're transmitting.

> 3. I'm using all the battery saving functions and I'm wondering if
> they really do make a difference.

They do! I've watched the current draw from the radio both with and without the Rx saver, and the difference is significant.

I usually use the "ABS" setting, which polls the signal less and less frequently as it remains inactive. If the frequency has been quiet for a long time, I usually miss the first few syllables, but the battery lasts much, much longer.

I don't use the Tx saver, because in fringe areas it drops the repeater between words when it turns down the output power. Also, it uses the received signal strength to determine the transmit power. This isn't a good metric, since I often receive repeaters very well while I can't reach them.

> 4. Are there any cheap alternatives to buying Yaesu
> batteries/chargers for the FT-530?

Yes. Both Periphix and W&W Associates make 7.2v and 12v batteries for the radio for less \$\$\$ than Yaesu.

I bought a 12v 800mah (\$49) from W&W with their Master Charger I (\$89), and I'm very pleased with both. The charger is a smart Delta-V charger based on the Philips TEA1100 charger IC. They're in New York at 1-800-221-0732. If I had it to do over again, I'd get the 7.2v 1500mah for \$49 instead of the 12v.

I haven't bought from Periphix since their prices are a little higher, and they don't make their own charger. I think they resell Yaesu's, so the price is high.

> 5. What kind of antenna can I replace the standard one with to

> improve my transmit (instead of increasing wattage)?

I haven't tried any others, but I hear the AEA Hot-Rod works well.
Ask around and maybe borrow a friend's to try it.

Enjoy!
-Steve

Steve Haehnichen
steve@vigra.com

Vigra, Inc. San Diego, CA
(619) 597-7080 x116 Fax: (619) 597-7094

Date: 16 Aug 1994 23:53:02 GMT
From: pa.dec.com!oleum.zso.dec.com!robin@decwrl.dec.com
Subject: ADVICE on NEW HF rig wanted
To: ham-equip@ucsd.edu

Hi,

I have been out of the HF rig buying scene for about 10 years, since I have never had any reason to update my ageing FT301D. However in view of the VAST differences between UK and US pricing, I think it's time to make the change.

Does anyone have any recommendations/reviews on the more popular HF rigs, I particularly like the look of the TS-50, primarily as I like to do HF mobile work. A friend also said the Ts850 or 450 were 'good'.

Since I am not a code operator some of the bells and whistles may not be applicable.

I realise that this is a vast subject but am primarily I guess looking for personal experiences, reliability is also a prime concern as I will be taking it back to the UK soon.

Thanks

Robin

Date: Wed, 17 Aug 1994 23:18:53 GMT
From: elroy.jpl.nasa.gov!sdd.hp.com!col.hp.com!csn!mehalek@ames.arpa
Subject: Ameritron AL-811 amp, MFJ-815B meter 4-SALE
To: ham-equip@ucsd.edu

Ameritron AL-811 amp 600 watt Shortwave Amplifier \$450.

MFJ-815B swr meter 50/B0.

Everything with original boxes and manuals.

Benchner full power Low Pass Filter Model YA-1 (1.8 - 30Mhz) \$50/B0. (Original box not available).

Please send all replies directly to my e-mail address.
I get on about once per week to check my mail.

You can also call me at (303) 945-0639.

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Stephen Mehalek mehalek@csn.org

Date: 18 Aug 1994 14:17:37 -0700

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!sundog.tiac.net!news.sprintlink.net!bethel.connected.com!
hebron.connected.com!not-for-mail@network.ucsd.edu

Subject: Capacity of Alkaline batteries?

To: ham-equip@ucsd.edu

In article <Cun30u.Jry@alsys.com>, Gary Morris @ignite <garym@alsys.com> wrote:
>Has anyone measured the amp-hour capacity of typical D or AA alkaline
>batteries? Also, ->Snip<-

Gary:

As someone already stated, the Ah rating of Alkalines is a bit elusive since their ratings are based on discharge levels different from nickel-cadmium and Gel-Cells. The last information I saw from Duracell indicated that AA cells were rated at 2.4Ah and D cells at 14Ah. Remember again that to get all of the energy from Alkaline cells, you discharge them to about .7 V per cell (again, depending on the discharge rate). I have not experienced any problems with alkalines in HT's, although there may be some reduced output due to the voltage depression during high power transmit. Maximum current output of Alkaline cells is usually a bit less than 2 times their rated capacity. You will have depressed voltages at this rate and some self heating.

For emergency use, you can't beat Alkaline cells for adaptability, availability, energy density and shelf life. In daily routine use, they can cost you a fortune compared to rechargeables.

I have some discharge curves on Duracell cells and will drop them in the mail if you wish. Drop me a note with your address.

Regards,

Ken Jeffcoat

Pacpp@Connected.Com

1.206.881.0564 Tel

1.206.885.3679 Fax

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Date: 18 Aug 94 20:03:16 GMT
From: uswnvg!tconboy@uunet.uu.net
Subject: IC765 Keyer Mod?
To: ham-equip@ucsd.edu

Is there a simple mod to convert the internal CW keyer in an IC765 to eliminate the "trailing dot problem"? I think this is the difference between the Curtis Type A and Type B keyers.

I'm using an external keyer since I can't tolerate the way it works now when using a dual lever paddle in the "iambic" mode.

73, Terry

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Terry Conboy N6RY tconboy@uswnvg.com vm:206-450-8388 fax:206-450-8399
Speaks for neither U S WEST NewVector Group nor AirTouch Communications

Date: Thu, 18 Aug 94 13:33:11 PDT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!uhog.mit.edu!news.kei.com!ssd.intel.com!chnews!
news@network.ucsd.edu
Subject: Need 9600 baud mod info for IC271/471
To: ham-equip@ucsd.edu

Im looking for 9600 baud modification info for the ICOM 271 & 471.

Thanks & 73s,

Tom WB7ASR...

Date: Thu, 18 Aug 94 18:17:08 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: TENTEC SCOUT Power Supply Problem
To: ham-equip@ucsd.edu

I recently bought a model 938 power supply from tentec for my Scout - they claimed that the 938, a switching power supply, would work with the rig. Problem: WHEN I key down all of the 50watts, the power supply can't deliver the adequate, er . . . power. The rig works fine on my old Pryamid 10 amp supply. I've gotten 2 938s from TenTec and they both perform similiarly.

What am I missing? SWR is fine - my station has been annoying the neighbors for the last ten months with great results (actually, the neighbors don't know I exist) I have used the antennas with my QRP equipment with great (That's a qualified great in light of the sunspot cycle).

I like the scout - 50 watts is more than enough kick for these days of lesser propagation . . .

Any Ideas?

Date: Thu, 18 Aug 1994 19:20:33 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!spool.mu.edu!torn!nott!cunews!freenet.carleton.ca!FreeNet.Carleton.CA!ac742@network.ucsd.edu
Subject: TNC Recommendation
To: ham-equip@ucsd.edu

Here is a loaded question, but if you were to buy a new TNC to-day (given all that on air experience that you have gained since) which manufacturer and model would you get? I am looking for the best combination of price and performance.

Thanks in advance
Greg Danylchenko
VE3YTZ

Date: 19 Aug 1994 00:54:11 GMT
From: portal.com!portal.com!twise@uunet.uu.net
Subject: Yaesu 2500 mods?

To: ham-equip@ucsd.edu

Anyone have any mods for the Yaesu 2500 M radio? (mobile alpha-numeric display)...

Mini tanks,
Travis
--

Travis A. Wise
Assistant Manager, Photo Drive Up
Freshman, San Jose State University

Voice Mail/Pager: (408) 383-8570

End of Ham-Equip Digest V94 #290
